

## 800 Series Power Analyzer Standard Equipment

### Features

- Single- or three-phase measurements
- True RMS
- Data logging (1MB memory)
- Auto ranging
- Min/max/avg
- Energy and Harmonics Program
- PowerVision™ Software
- Optional programs:  
Disturbances  
Check-Meter  
Fast-Check
- Lightweight, portable design
- Easy-to-use push-button operation
- Password protected on-screen setup
- 160 x 160 pixel LCD
- RS-232 interface
- Customized data collection
- Real-time clock
- Programmable trigger-points and start/stop time
- Lifetime limited warranty

### Power Measurements

- Kilowatts (kW)
- Voltamperes (VA)
- Inductive reactive power (kvarL)
- Capacitive reactive power (kvarC)
- Power factor (PF)
- Frequency (Hz)
- Kilowatt hours (kWh)
- Reactive power per hour (kvarhL, kvarhC)

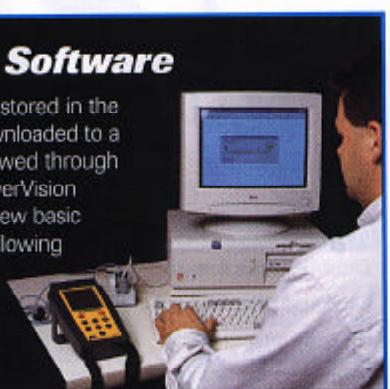
### Harmonics Measurements

- Total harmonic distortion (%THD)
- Harmonic factorization to 51st harmonic



### PowerVision™ Software

For in-depth analysis, data stored in the Power Analyzer can be downloaded to a personal computer and viewed through PowerVision software. PowerVision provides multiple ways to view basic and detailed information, allowing you to customize readouts according to your troubleshooting needs.



Description	Cat. No.
Power Analyzer	61-805
Optional Disturbances Program – tracks sags, swells and transients, programmable trigger points, captures individual waveforms	61-474
Optional Check-Meter Program – monitors performance of in-line energy meters, stores data and provides comparison against mechanical or electrical meters, monitors key power and energy measurements	61-475
Optional Fast-Check Program – captures transient waveforms caused by motor start-ups, monitors key power and energy measurements	61-476
2000/200AAC Clamp Adapters (set of three)	61-453
500AAC Clamp Adapters (set of three)	61-455

Specifications	61-805	
	Range & Resolution	Accuracy
AC Voltage	20 to 500 V (phase-neutral) 20 to 866 V (phase-phase)	0.5% 0.5%
AC Current	10 to 1000 A (with supplied clamp adapters)	1.0%
Active Power	866 kW (with supplied clamp adapters)	1.0%
Reactive Power	866 kW (with supplied clamp adapters)	1.0%
Power Factor	0.5 to 1.0	1.0%